



03-15-01

Rec'd PCT/PTO 14 MAR 2001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas Koehler
Serial No: 09/786,072 Filing Date:
Title: REACTION CHAMBERS COATED WITH DEFINED
CONCENTRATIONS OF NUCLEIC ACIDS, METHOD FOR THE
PRODUCTION AND USE THEREOF

March 14, 2001

Attorney's Docket No.: WEH204

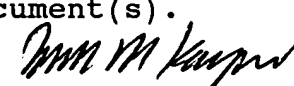
TRANSMITTAL LETTER

Hon. Commissioner of Patents and Trademarks
BOX PCT
Washington, D.C. 20231

SIR:

Transmitted herewith for filing is:

- (X) Form PTO-1390
 - (X) Declaration and Power of Attorney for Patent Application
 - (X) Certificate of Accuracy of Translation
 - (X) Request to Accept Submission of Inventor Declaration for Patent Application
 - (X) Associate Power of Attorney
 - (X) Applicant claims Small Entity Status
 - (X) Enclosed is a check to cover the fee in the amount of \$65.00.
 - (X) The applicant hereby petitions the Commissioner of Patents and Trademarks to extend the time for response to any Office Action outstanding in the above captioned matter as necessary to avoid abandonment of the application. Please charge my deposit account No.11-0224 in the amount required to cover the cost of the extension. Any deficiency or overpayment should be charged or credited to the above account.
 - (X) The Commissioner is hereby authorized to charge any fees under 35 U.S.C. 1.16, and 1.17, after a mailing of a Notice of Allowance under 35 USC 1.18 or any additional fees which may be required during the entire pendency of the application, or credit any overpayment, to Acct. No.11-0224. A duplicate copy of this sheet is enclosed. If and only if account funds should be insufficient, immediately contact our associate, Lisa Zumwalt, at (703)415-0579, who will pay immediately to avoid deprivation of rights.
 - () Please charge my Deposit Account No.11-0224 in the amount of \$_____. A duplicate copy of this sheet is enclosed.
- A signature or signatures required for the above recited document(s) is (are) provided herebelow. Such signature(s) also provide(s) ratification for any required signature appearing to be defective in the above recited document(s).


Horst M. Kasper, 13 Forest Drive, Warren, N.J.07059
Reg. No. 28,559 Tel.(908)757-2839

EXPRESS MAIL CERTIFICATION: I hereby certify that the correspondence attached hereto is being deposited with the USPS "Express Mail Post Office to Addressee" on the date indicated below and is addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231,

Deposit Date: 03/14/2001 "Express Mail mailing No": TB417242551 US

Signature: Radosław Krzyszkowski Date: 03/14/2001
*Pc11:d:transl(Weh204T2(Mar 14, 2001(ssp

FORM PTO-1390
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

WEH204

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

09/786,072

INTERNATIONAL APPLICATION NO.

PCT/DE99/02715

INTERNATIONAL FILING DATE

27 AUGUST 1999

PRIORITY DATE CLAIMED

28 AUGUST 1998

TITLE OF INVENTION REACTION CHAMBERS COATED WITH DEFINED CONCENTRATIONS OF
NUCLEIC ACIDS, METHOD FOR THE PRODUCTION AND USE THEREOF

APPLICANT(S) FOR DO/EO/US

THOMAS, KOEHLER

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
 - (x) Request to Accept submission of Inventor Declaration for Patent Application
 - (x) Associate Power of Attorney
 - (x) Certificate of Accuracy of Translation

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

09/786,072

INTERNATIONAL APPLICATION NO.

PCT/DE99/02715

ATTORNEY'S DOCKET NUMBER

WEH204

21. ☐ The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482)

nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO

and International Search Report not prepared by the EPO or JPO..... \$1000.00

International preliminary examination fee (37 CFR 1.482) not paid to

USPTO but International Search Report prepared by the EPO or JPO \$860.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO

but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO

but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO

and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS PTO USE ONLY

\$ 130.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☒ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS

NUMBER FILED

NUMBER EXTRA

RATE

\$

Total claims

- 20 =

x \$18.00

\$

Independent claims

- 3 =

x \$80.00

\$

MULTIPLE DEPENDENT CLAIM(S) (if applicable)

+ \$270.00

\$

TOTAL OF ABOVE CALCULATIONS =

\$

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above
are reduced by 1/2.

+

\$ 65.00

SUBTOTAL =

\$ 65.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =

\$

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$

TOTAL FEES ENCLOSED =

\$ 65.00

Amount to be
refunded:

\$

charged:

\$

a. ☒ A check in the amount of \$ 65.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 11-0224. A duplicate copy of this sheet is enclosed.d. ☐ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card
information should not be included on this form. Provide credit card information and authorization on PTO-2038.NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Horst M. Kasper

13 Forest Drive

Warren, N.J. 07059

SIGNATURE

HORST M. KASPER

NAME

28,559

REGISTRATION NUMBER

CERTIFICATE OF ACCURACY OF TRANSLATION

The undersigned

WILHELM H. RÖHRS

at the offices of

Horst M. Kasper
13 Forest Drive
Warren, N.J. 07059

certifies that:

(1) He is fully conversant both with the English and German languages.

(2) He has translated the English language of the attached Combined Declaration for Patent Application and Power of Attorney into the German language.

(3) The translation is, to the best of his knowledge and belief, an accurate translation of the original document into the German language.

The undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the matter with which this translation is used.

Date:

March 14, 2001

Wilhelm H. Röhrs
WILHELM H. RÖHRS

*%pt0:translat(ger

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas Koehler
Serial No: 09/786,072 Art Unit:
Filing Date:
Title: REACTION CHAMBERS COATED WITH DEFINED
CONCENTRATIONS OF NUCLEIC ACIDS, METHOD FOR THE
PRODUCTION AND USE THEREOF

Examiner:

March 14, 2001

Attorney's Docket: WEH204

REQUEST TO ACCEPT SUBMISSION OF INVENTOR DECLARATION
FOR PATENT APPLICATION.

Hon. Commissioner of Patents and Trademarks
BOX: PCT
Washington, D.C. 20231

SIR:

The inventor, Thomas Koehler, has made an invention
entitled:

REACTION CHAMBERS COATED WITH DEFINED CONCENTRATIONS OF
NUCLEIC ACIDS, METHOD FOR THE PRODUCTION AND USE THEREOF.

Part of this application was filed earlier in order
to obtain a filing date based on an international
convention. Applicant is now completing this application
by submitting additional documents and/or fees. If this
application should not be complete, it is respectfully
requested that the undersigned attorney be informed
immediately by mail and/or by telephone in order to allow

immediate curing of any possible deficiencies in completeness of this application.

The undersigned respectfully requests that the enclosed application for patent be granted a pending status. It is further petitioned that any extensions of time be granted as they may become necessary, and the United States Patent and Trademark Office is authorized to charge any fees required to deposit account 11-0224.

Applicant further requests that any refundable overpayments and/or refundable excess payments be refunded such as, but not limited to, overpayments and/or excess payments in view of late filing of declarations and/or affidavits relating to small entity status of the Applicant.

Respectfully requested,

Thomas Koehler

By:



Horst M. Kasper, His attorney,
13 Forest Drive, Warren, N.J. 07059
Tel. (908) 757-2839 Fax: (908) 668-5262
Reg.No. 28,559; Docket No.: WEH204

*%pt1:compet(WEH204R2(March 14, 2001(ssp